BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.7

MEASUREMENT SHEET

Third & Part Bill

Client	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054									
Chainage in m From To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No. 09	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as Walls at any thickness, incluidng attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfiications									
		Sqm								
	Vide Total executed Quantity from premeasurement Page no. 13						**1075.89**			
	Tender Quantity						**155.18**			
	Quantity upto125%						**193.98**			
	Quantity above 125%						**881.91**			
	DPQ paid in 1st RA Bill						**997.39**			
	DPQ paid in 2nd RA Bill						**58.80**			
	Now to be paid Qty									
	Quantity Above 125%						**19.70**	**322.74**	**6357.28**	
Item No. 10	Providing Ceramic tiles of approved make shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.of size 30 x 30 cms 6mm thick									
Measurement taken on										
	Present Bill Measurements									
	Pool bottom	Sqm	1	30	18		540.00			
	pool side walls	Sqm	2	10		2	40.00			
		Sqm	2	10		1	20.00			
		Sqm	Triangular area=0.5*10*2							
		Sqm	2	10		0.9	18.00			
		Sqm	1	18		0.9	16.20			
		Sqm	1	18		2	36.00			
	Baby Pool									
	Base Slab	Sqm	1	4.9	2.4		11.76			
	Side Walls	Sqm	2	4.9		0.57	5.59			
		Sqm	1	2.4		0.57	1.37			
	Deduction									
		Sqm	1	0.3		-0.3	-0.09			
	Changing Room									
	Ladies Changing Room									
	Bath Room	Sqm	3	1.2	1.2		4.32			
	WC	Sqm	3	1.2	1.2		4.32			
		Sqm	1	3.9	1		3.90			
		Sqm	1	6.6	3.6		23.76			

688.91

688.82

735.12

DRAPRASAD CONSULTANTS BANGALORE PMC

ASSISTANT ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone

BRUHAT BANGALORE MAHANAGARA PALIKE

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MEASUREMENT SHEET

Third & Part Bill

Client		Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No.15		Providing and constructing precast concrete Solid Blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quion, jamb, closer blocks) with Solid Concrete Blocks of size 40x20x20cms confirming to I.S 2185/1965 in Superstructure including cost of all materials, labour charges, scaffolding, curing complete as per specifications.									
Measurements taken on											
		Present Bill Measurements									
		Ground Floor									
		Compound Wall									
		Westernside									
			Sqm	1	30		3.4	102.00			
			Sqm	1	5.5		3.4	18.56			
		Pillar	Sqm	6	0.2		3.4	4.08			
		near ticket Counter	Sqm	1	1.5		2.7	4.05			
		Northenside	Sqm								
		near ticket Counter	Sqm	1	1.46		2.7	3.94			
		Easternside									
			Sqm	1	5.2		2.47	12.84			
			Sqm	1	12.2		2.75	33.55			
			Sqm	1	11.2		3.1	34.72			
			Sqm	1	12.1		3.3	39.93			
		Deduction									
		D	Sqm	1	0.9		-2	-1.80			
		Column For Compound Wall									
		Easternside	Sqm								
			Sqm	2	0.3		-2.47	-1.48			
			Sqm	4	0.3		-2.75	-3.30			
			Sqm	3	0.3		-3.1	-2.79			
			Sqm	4	0.3		-3.3	-3.96			
		Lintel For Compound wall									
		Westernside									
			Sqm	2	30		-0.3	-18.00			
			Sqm	2	5.5		-0.3	-3.30			
			Sqm	2	1.5		-0.3	-0.90			
		Easternside	Sqm								
			Sqm	2	5.2		-0.3	-3.12			
			Sqm	2	12.2		-0.3	-7.32			
			Sqm	2	11.2		-0.3	-6.72			
			Sqm	2	12.1		-0.3	-7.26			

253.68

59.95

193.73

CTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.7

MEASUREMENT SHEET

Third & Part Bill

Client	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054									
Chainage in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From To										
Item No.61	Supply, installtion, testing and commissioning of RECIRCULATING PUMPS 10 HP monoblock centrifugal pump 400V 3ph discharge:45 LPS at 13m head suction size:150mm, delivery: 150mm includes 1no standby directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		Nos	3				3			
						Total Executed Quantity	3			
						Tender Quantity	3			
						Now to be Paid Quantity	3	74290	222870	
Item No.62	Supply, installtion, testing and commissioning of FLOOR INLETS bottom inlet for concrete with S.S. screws made of ABS plastic. Max. flow: 10cum/hr 2 inches threaded fitting directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		Nos	50				50.00			
						Total Executed Quantity	50.00			
						Tender Quantity	50			
						Now to be Paid Quantity	50.00	875	43750	
Item No.65	Supply, installtion, testing and commissioning of STAINLESS STEEL PRBFILTER 6 inches opening with threaded collar with sight glass, SS sieve, flow:170cum/hr Material: SS 304 directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		Nos	3				3.00			
						Total Executed Quantity	3.00			
						Tender Quantity	3			
						Now to be Paid Quantity	3.00	41500	124500	
Item No.66	Supply, installtion, testing and commissioning of SUCTION INLETS ABS plastic, 2 inches external DIA glue type Flow:3.5 cum/hr, with threaded cap directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		Nos	50				50.00			
						Total Executed Quantity	50.00			
						Tender Quantity	50			
						Now to be Paid Quantity	50.00	875	43750	

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Yelahanka Zone

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.7

MEASUREMENT SHEET

Third & Part Bill

Client	Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054									
Chainage in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From / To										
Item No.85	Supply, installtion, testing and commissioning of UPVC PIPES a) 400 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		m	77				77.00			
							Total Executed Quantity	**77.00**		
							Tender Quantity	**77**		
							Now to be Paid Quantity	**77.00**	**4900**	**377300**
Item No.86	d) 63 MM DIA 10KG/SQCM directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		m	49				49.00			
							Total Executed Quantity	**49.00**		
							Tender Quantity	**49**		
							Now to be Paid Quantity	**49.00**	**260**	**12740**
Item No.87	e) 160 MM DIA 6 KG/SQCM directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		m	220				220.00			
							Total Executed Quantity	**220.00**		
							Tender Quantity	**220**		
							Now to be Paid Quantity	**220.00**	**2000**	**440000**
Item No.88	Supply, installtion, testing and commissioning of UPVC ELBOW 6 KG/SQCM a) 200 MM directions of the Engineer-In-charge of the work									
Measurements taken on										
	Present Bill Measurements									
		Nos	10				10.00			
							Total Executed Quantity	**10.00**		
							Tender Quantity	**10**		
							Now to be Paid Quantity	**10.00**	**4025**	**40250**

CONTRACTOR

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ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
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Yelahanka Zone

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF SWIMMING POOL AT AMRUTHA NAGARA, BYATARAYANAPURA WARD NO.7

MEASUREMENT SHEET

Third & Part Bill

Client		Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054									
Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	1	1.53	0.20		0.31			
			Sqm	1	1.35	0.20		0.27			
		Deduction									
		ED	Sqm	1X0.5	0.90		-2.10	-0.95			
		D1	Sqm	2X0.5	0.90		-2.10	-1.89			
		Ladies Changing Room	Sqm	2	3.60		2.21	15.91			
			Sqm	2	9.00		2.21	39.78			
		Bath	Sqm	3	4.80		2.21	31.82			
		WC	Sqm	3	4.80		2.21	31.82			
		Gents Changing Room	Sqm	2	3.50		2.21	15.47			
			Sqm	2	9.10		2.21	40.22			
		Bath	Sqm	3	4.80		2.21	31.82			
		WC	Sqm	2	4.80		2.21	21.22			
		Wall near Urinals	Sqm	2	1.16		2.21	5.13			
		Deduction									
		D2	Sqm	22X0.	0.75		-2.10	-17.33			
		D1	sqm	2X0.5	0.90		-2.00	-1.80			
							Total Executed Quantity	**305.10**			
							Now To be Paid Qty	**305.10**	**1797.63**	**548464.17**	
E18		Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. (Second Floor)									
Measurements taken on											
		Present Bill Measurements									
		Second Floor									
		Gents Changing Room	Sqm	2	3.70		2.10	15.54			
			Sqm	2	3.30		2.10	13.86			
		WC	Sqm	1	3.60		2.10	7.56			
			Sqm	2	2.60		2.10	10.92			
		Ladies Changing Room	Sqm	2	3.70		2.10	15.54			
			Sqm	2	3.30		2.10	13.86			
			Sqm	1	3.60		2.10	7.56			
			Sqm	2	2.60		2.10	10.92			
		Deduction									
		D1	Sqm	2X0.5	0.90		-2.10	-1.89			
		D2	Sqm	4X0.5	0.75		-2.10	-3.15			
							Total Executed Quantity	**90.72**			
							Now To be Paid Qty	**90.72**	**1802.0409**	**163481.15**	

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer Project Division Yelahanka Zone BBMP Bangalore

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MEASUREMENT SHEET

Third & Part Bill

Client — **Sri.K.Somappa No.139/A,6th Main Mathikere,Bangalore-560054**

Chainage in m From	Chainage in m To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
E24		Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 20mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.)160mm dia Pipe									
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 12						**61.60**			
								61.60	**600.31**	**36979.29**	
E25		Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification									
Measurements taken on											
		Present Bill Measurements									
		Ground Floor									
		Pool									
		Pool bottom	Sqm	1	30	18		540.00			
		pool side walls	Sqm	2	10		2	40.00			
			Sqm	2	10		1	20.00			
			Sqm	Triangular area=0.5*10*2							
			Sqm	2	10		0.9	18.00			
			Sqm	1	18		0.9	16.20			
			Sqm	1	18		2	36.00			
		Baby Pool									
		Inside plastering									
		Base Slab	Sqm	1	4.9	2.4		11.76			
		Side Walls	Sqm	2	4.9		0.57	5.59			
			Sqm	2	2.4		0.57	2.74			
		Deduction									
			Sqm	1	0.3		-0.3	-0.09			
		Changing Room									
		Ladies Changing Room									
		Bath Room	Sqm	3	1.2	1.2		4.32			
		WC	Sqm	3	1.2	1.2		4.32			
			Sqm	1	3.9	1		3.90			
			Sqm	1	6.6	3.6		23.76			

Items Initiated as Chd & t.c.

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer Project Division Yelahanka Zone BBMP Bangalore